

Serial No. 10/532,651
Response to Office Action of June 12, 2006
Amendment dated October 2, 2006

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AMENDMENTS TO THE CLAIMS:

This listing of claims shall replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~A liquid delivery head having~~ A liquid ejecting device
comprising:

at least one heating elements element and at least one metal oxide field effect
transistors transistor to drive said heating elements element which ~~are~~ is formed on a
substrate such that said heating elements element is distally located from, and driven by,
said metal oxide field effect ~~transistors~~ transistor, so as to heat a liquid contained in a
liquid chamber, thereby ejecting said liquid ~~in the form of droplets from nozzles~~,
characterized in that ~~each of~~ said metal oxide field effect ~~transistors~~ transistor has a
polycide gate or a metal gate.

2. (Previously Presented) The liquid delivery head as defined in Claim 1, wherein the
gate has a gate length no larger than 2 μm .

3. (Currently Amended) A liquid ~~delivery~~ ejecting device for ejecting liquid droplets
toward an object ~~from a liquid delivery head, characterized in that said~~ comprising:

a liquid delivery head has having at least one heating elements element and at
least one metal oxide field effect transistors transistor distally located from said heating
element wherein said metal oxide field effect transistor to drive drives said heating
elements element which ~~are~~ is formed on a substrate such that said heating elements
~~driven by said metal oxide field effect transistors heat~~ element heats a liquid contained in
a liquid chamber, thereby ejecting said liquid ~~in the form of droplets from nozzles, and~~

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wherein each of said metal oxide field effect transistors transistor has a polycide gate or a metal gate.

4. (Currently Amended) A process for production of a liquid delivery head which has heating elements and metal oxide field effect transistors to drive said heating elements which are formed on a substrate such that said heating elements driven by said metal oxide field effect transistors heat a liquid contained in a liquid chamber, thereby ejecting said liquid in the form of droplets from nozzles, characterized in that each of said metal oxide field effect transistors has a polycide gate or a metal gate ejecting device comprising:

forming a metal oxide field effect transistor;

forming at least one wiring element electrically connected to the metal oxide field effect transistor;

forming a heating element, distally located from said metal oxide field effect transistor, connected to said wiring element such that the heating element is electrically connected to said metal oxide field effect transistor; and

forming a liquid chamber coupled to said heating element; wherein said metal oxide field effect transistor has a polycide gate or a metal gate.